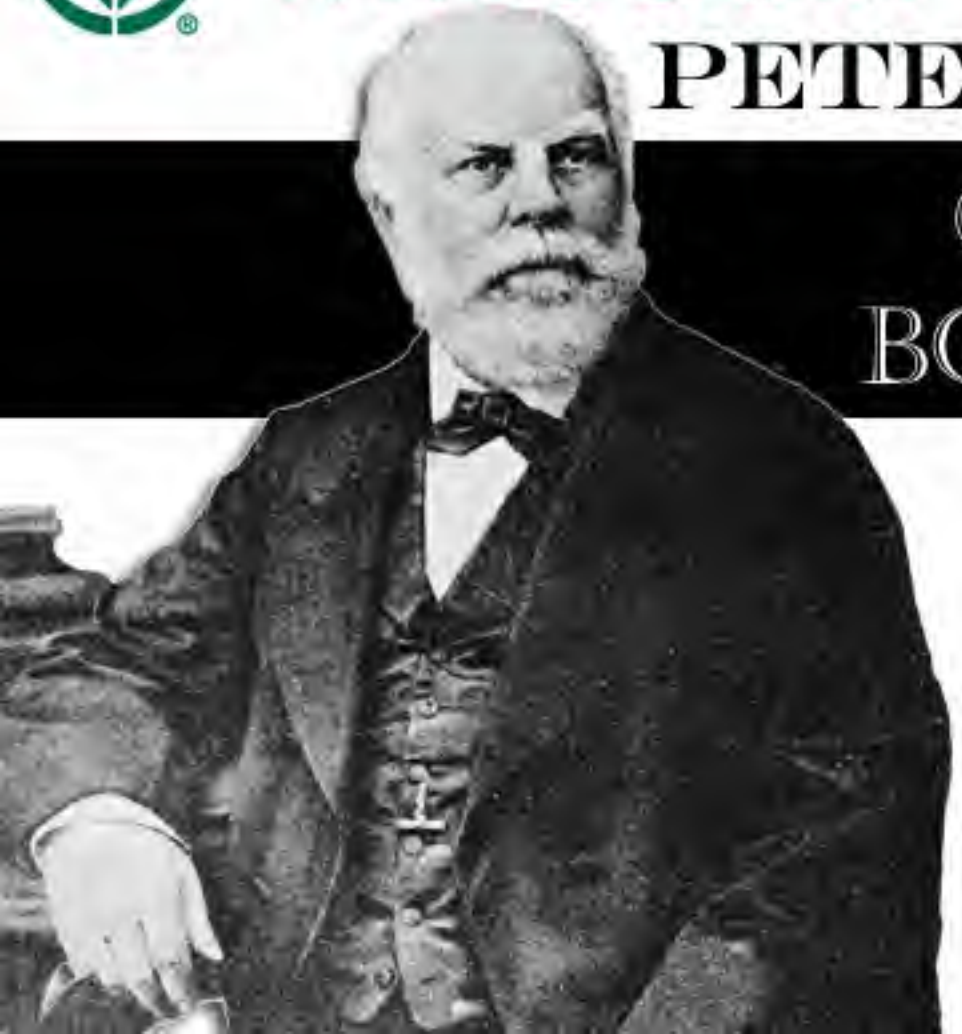
Missouri Botanical Garden
Peter H. Raven Library

George Engelmann Botanical Notebooks



Pagination Note:
Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.

April 1869

"Yucca de Texas" in Hort Guedeney is a fine specimen of Liudheimeri tortifolia, ~~Texicola~~ in H. Baumy = Y. rupicola Scheele

"Yucca pendula" Leaves flaccid, rather narrow, pale green and soft like the plant of the Naples Bot Garden (under the Date palm)

"Yucca filifera" is plant one with very narrow leaves, 2-3 lines wide, not more than 9 inches long.

8310

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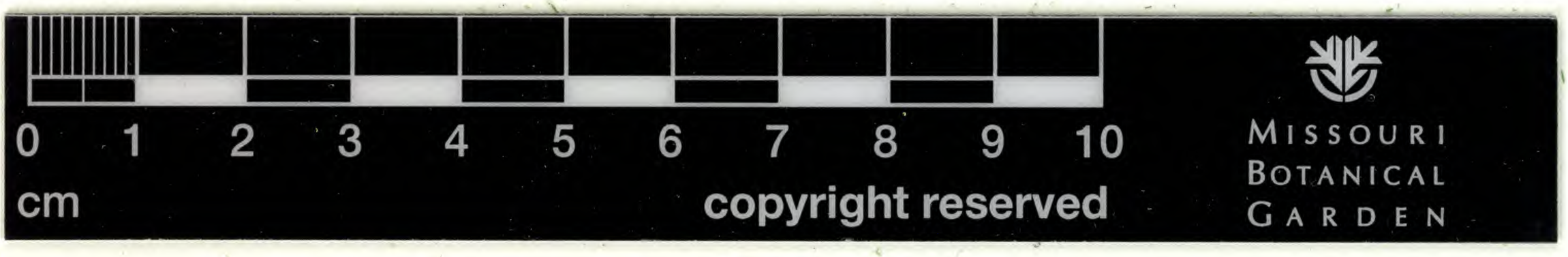

Ly 1872

Capsules of Yucca

1. Constriction — mostly in filamentous (1 & 4) and imperfect and petaloid; less ± angulate (2 & 3)
2. Acuminations
3. Cross ribs & reticulation
4. Prominent Middle rib of the Carpels.
5. Lateral accessory carinae — especially upwards (principally Pubescency)
6. False dissepiment lanating in 1 & 4 incomplete in my Jardin plants mostly present (except upper part) ± altogether.
7. Determinate of Capsule ?
8. Seeds
9. Raphe shape, size, proportion to naked part of seed
10. Leaves — shape — broad base, constriction above the base points — filaments on margin

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8311

secured an equally good likeness of Dr. Shumard which I propose to present to the same society. The object of my inquiry was that I might be enabled to endorse upon the likeness the statement that Dr. S. was the 2d president, was elected, when &c.

Thanking you for your attention I remain

Yours Very Truly

Edwin Harrison

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Dr John H Mellichamp, Oct 25. 1871 writes your observation
I have just received a fine parcle of Yuccas, that to
open it coming, I think not completely until about
8 or 9 o'clock — Why should there not be Insect Agency, and
in the very night, the flowers open. These snow white "millers"
which I have found in almost every flower explanded when
closed — daytime daubers enter their "ivory palaces" at night
and would be quite sufficient for the purpose.

(Recond!)

June 1st 1872 Nothing changed in the figures of the flowers that are
going to open to night. But those that bloomed last night showed in
many instances a minute glistening drop of liquid just on the
the stigmas to which doubtless the pollen is carried by the various
insects, which delight to bury themselves in the depths of these flowers
(3 or 4 different Kinds — this year I have seen no moths within the flowers
as I invariably did last year with Yucca № 2

July 13 1872: Moths found last year and this only on Yucca № 2 and 3, never on № 1.
[illegible] pods of Cattle with empty seeds — rarely but sometimes bored [illegible]

8312

Washington University Re-union.

Mr. Yeatman requests the pleasure of your Company on Thursday Evening, January 16th, between the hours of 8 and 11 o'clock, at the residence of Mrs. Beverly Allen, on Bellefontaine Road, near Grand Ave.

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Dillenius first employed the word Yucca for these plants — Why? is unknown.

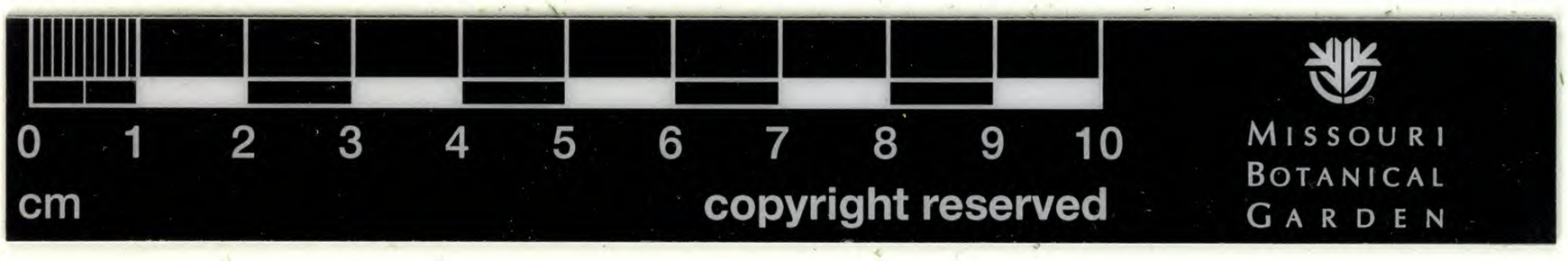
The word is of Brasilian Origin and is used for the Manioc

K. Koch in Monatschrift 1873 May p. 208

Janipha (Jatropha Li) Manihot
Kunth Agavi. I. 418.
is called by Bauhin
Yucca folis cannabinis
and Yuca by the natives, as
Kunth says

Yucca Dillen 1732 Hort Elth

Geo. Engelmann Col. Collection



8314

Sir:

The regular meetings of the Academy of Science, take place every first and third Monday of each month.

Your punctual attendance is requested at such meetings, and especially at the next one, which will be held next Monday, May 19 at 7 1-2 P. M., at the Polytechnic Hall.

C. V. RILEY,

Recording Secretary.

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8313

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Styli Generum

Styli abbreviati, ~~latiores quam longi~~
longiores quam lati
in ovario obtuso sessile

y alveolati
y glandulosa
y filamentosa post?

Styli abbreviati longi quam lati
in ovarium sessile obtectum
y. Stylis
y. Scrophularia

Styli crassi multo longiores
quam lati in ovarium acutum
sessile obtectum
y. planati Antirrhinum

Styli tenues elongati, dein divaricati in ovarium acutum
sessile obtectum
y. Verbascum
y bracteata
y superbum
y filamentosa

8315

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Y. laevata ? — Parryi group — brevifolia — Torrey, Wash. 870

rigidifolia ? stem phylla rotted.

Yucca seem to bloom every 2? years.

8316

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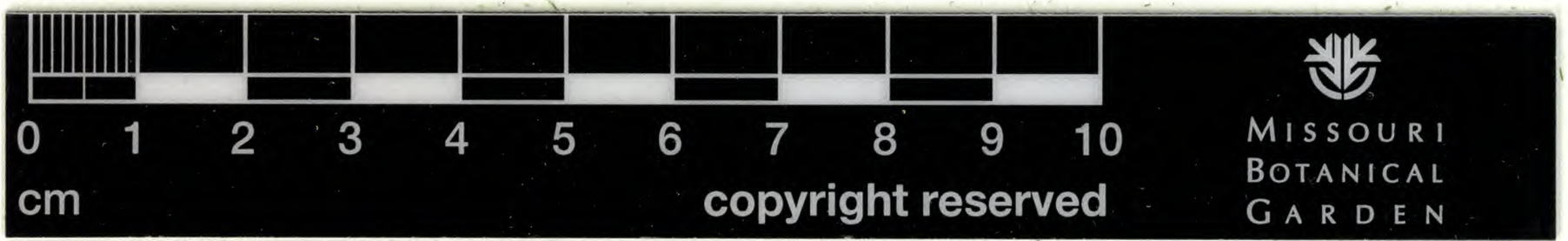

Yucca, Bigelow's Santa Fe, N.M.
Nicholson 533.
Yucca mostly in Paso del Chihuahua Valley — especially from
221 to 243
Yucca in Rio Grande Valley (?)
Yucca in Rio Grande, in sandy soil

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8317

mit asp = d Brown, = Shell ?

Estan Yuma = Socorro =

= d Jornada

Wislizen

Nov 1847

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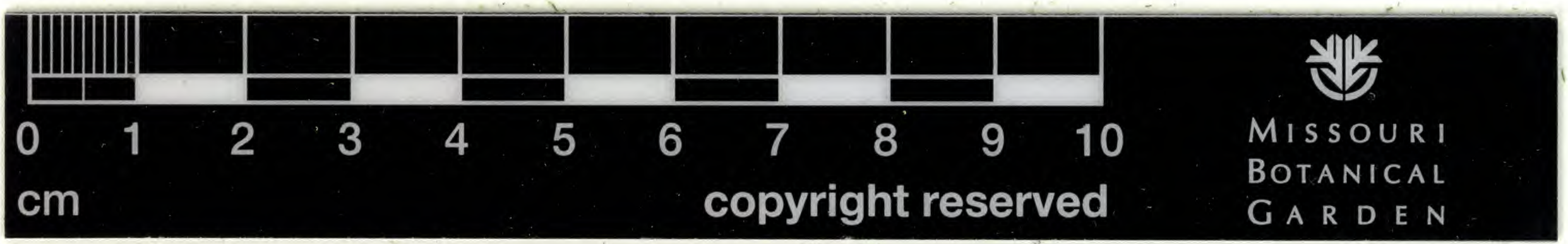
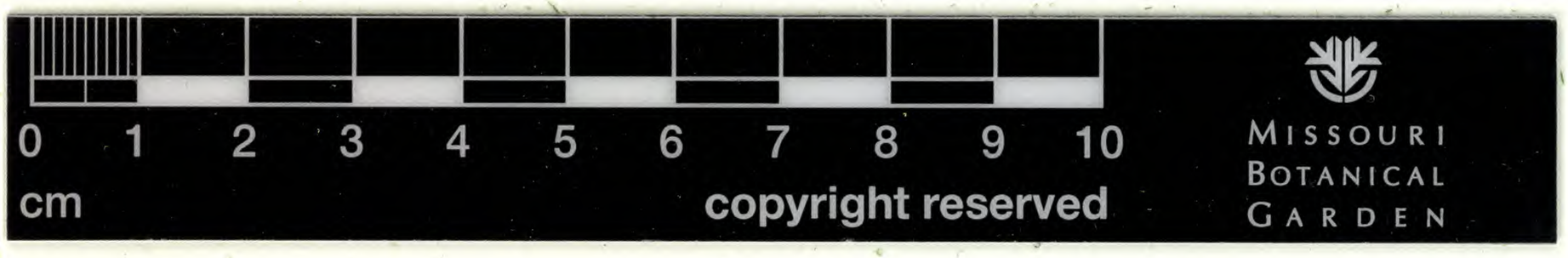


Collected in 1846?

1. Yucca, Leaves, with thick fibres
   (Yucca filamentosa)
   Yabrouta Jour
   Santa Fe Feathers
   Southern New Mexico to Chihuahua
2. Yucca with edible fruit (the same?)
   Socorro & Jornada del Muerto
3. Yucca angustifolia in Santa Fe, and each
   Leaf not so thick
4. Yucca tenuifila.
   =Y. angustifolia?
   Y. longifolia?
   South of Santa Fe
   towards El Paso
5. Large Yucca
   South of Chihuahua
   40 & more feet high
   Canas etc



8318

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MERCANTILE LIBRARY,

Saint Louis, December 21st, 1870.

Dr. George Engelman

President of the Academy of Science

Dear Sir:

At the last annual meeting of the **Saint Louis Mercantile Library Association,** held on the 11th of January, 1870, the following resolution was unanimously adopted:

"Resolved, That a Committee of twenty be appointed, composed, as far as possible, of the founders of the Library, to make suitable arrangements for the celebration of the Twenty-Fifth Anniversary of its foundation, as suggested by the Board of Directors."

Under this resolution the following gentlemen were appointed:

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8319

According to A Schott
the following figures in Mexican Boundary
Report vol I refer to:

Yucca sp. [perhaps Y. baccata ?]
pl. 42, the sp. in fruit, on a shaggy
trunk
Yucca ? before flowering — a stemless form
[why not. Draytoniæ ?]

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I. Y. filamentosa	II. Y. glaucescens	III. Y. pubescula	IV. Y. flaccida
Stemless	"	"	"
leaves 30–40			20–30
18–21 in long	18"	18–20"	18–24"
1½–2 or 2½ broad	narrower, 1"	16–18 '''	18–21 '''
not pungent	pungent	not pungent	not at all pungent
~~glaucescent~~ yellowish green	former more glaucous	less firm than I	Thin & reddish slightly glaucous above reduced copiously & very soft
pale gray 2–3 in long		scant, short, 1" gray	
pendent 5–6' high	3–4'	4–5'	2–4
Crowded	downy Branches	densely pubescent	puberulent branches
Kunth. Enu.			
fol. erecto-recurvis lanceolato-oblongo-lanceolatis concavis	linearia lanceolata glauca strictis concavis	patentia lanceolata v. linearia-lanc. plana glauca apice concava mucronulata	fol. basalium longa-lanceolata infra medio recurvis plana apice concava mucronulata, aspera f. validissima, fusca.
fila validissima 2–3 pol. & rubicunda tota fulva		rami paniculae tomentosi & puberi.	
Baker in Refug. bot V. 1872	glauca		
Stemless caules 30–50	Stemless 30	stemless 30–40	Stemless 20–30
18"–24" × 21–24''' not pungent strict. copious threads	18–20" × 14–16''' not pungent outer ones slightly recurved	12–15" × 12–15''' not pungent all straight slightly filiferous	18–21" × 15–18''' not pungent outer ones much recurved strongly filiferous

Yucca stricta Sims Bot Mag 2222 from Bakers description seems to be Shaw's first, most southern one (near Y torreyana)

Y. filamentosa

Y. glaucescens

Y. pubescula

Y. flaccida

Oct 4 1872

Acaulescent flavicentrae - marginal Yuccae

Baker Daly 1870

13 Y. angustifolia a simple raceme

(14 Y. parviflora)

15 Y. stricta has leaves 7-9 lines broad. Texas & Louisiana

seems to be the Texan form of Y. angustifolia

16 Y. glaucescens Haw.

17 Y. filamentosa L (& concava)

18 Y. pubescula Haw

19 Y. flaccida Haw

(20 Y. baccata Torr)

These 4 species are the ones to be considered.

Kunth has of the Yuccae, En. vol 4 p. 271 1843

9 concava Haw

10 filamentosa L.

11 flaccida Haw

12 pubescula Haw

(13 recurvifolia Salisb)

14 glaucescens Haw

15 angustifolia Pursh

16 stricta Sims

5 species, reduced by Baker to 4, are to be considered.

1. filamentosa L & concava Haw

2. glaucescens Haw

3 pubescula Haw

4 flaccida Haw.

all said to be acaulescent

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